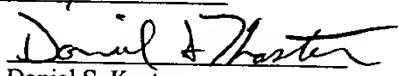


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited in the United States Postal Service as first class mail in an envelope addressed to BOX NON FEE AMENDMENT, Assistant Commissioner for Patents, Washington, D.C. 20231 on April 2, 2001.


Daniel S. Kasten
Reg. No. 45,363

In re Application of: Johnson et al.

Serial No.: 09/220,617

Filed: December 24, 1998

For: Persephin and Related Growth Factors

Examiner: Robert C. Hayes

Group Art Unit 1647

BOX NON FEE AMENDMENT

Assistant Commissioner for Patents

Washington, D.C. 20231

TRANSMITTAL LETTER

Transmitted herewith is:

X Response to Notice to Comply with 37 CFR § 1.821 - 1.825.
X Specification and Figure as amended.
 A petition for a month extension of time is enclosed.
X If an extension or an additional extension of time is required, but is not enclosed, please consider this a conditional petition therefor and charge Deposit Account 18-1829 accordingly.
 A check in the amount of is attached.
X No additional fee is required.
X Please charge any deficiencies or credit any overpayment to Deposit Account 18-1829. A duplicate copy of this sheet is attached.

Respectfully submitted,


Daniel S. Kasten
Reg. No. 45,363
Howell & Haferkamp, L.C.
7733 Forsyth Boulevard, Suite 1400
St. Louis, Missouri 63105
(314) 727-5188

April 2, 2001